OMNITRONIC

BEDIENUNGSANLEITUNG
USER MANUAL

XDP-2800

DUAL CD/USB/SD PLAYER

Für weiteren Gebrauch aufbewahren!
Keep this manual for future needs!

CE

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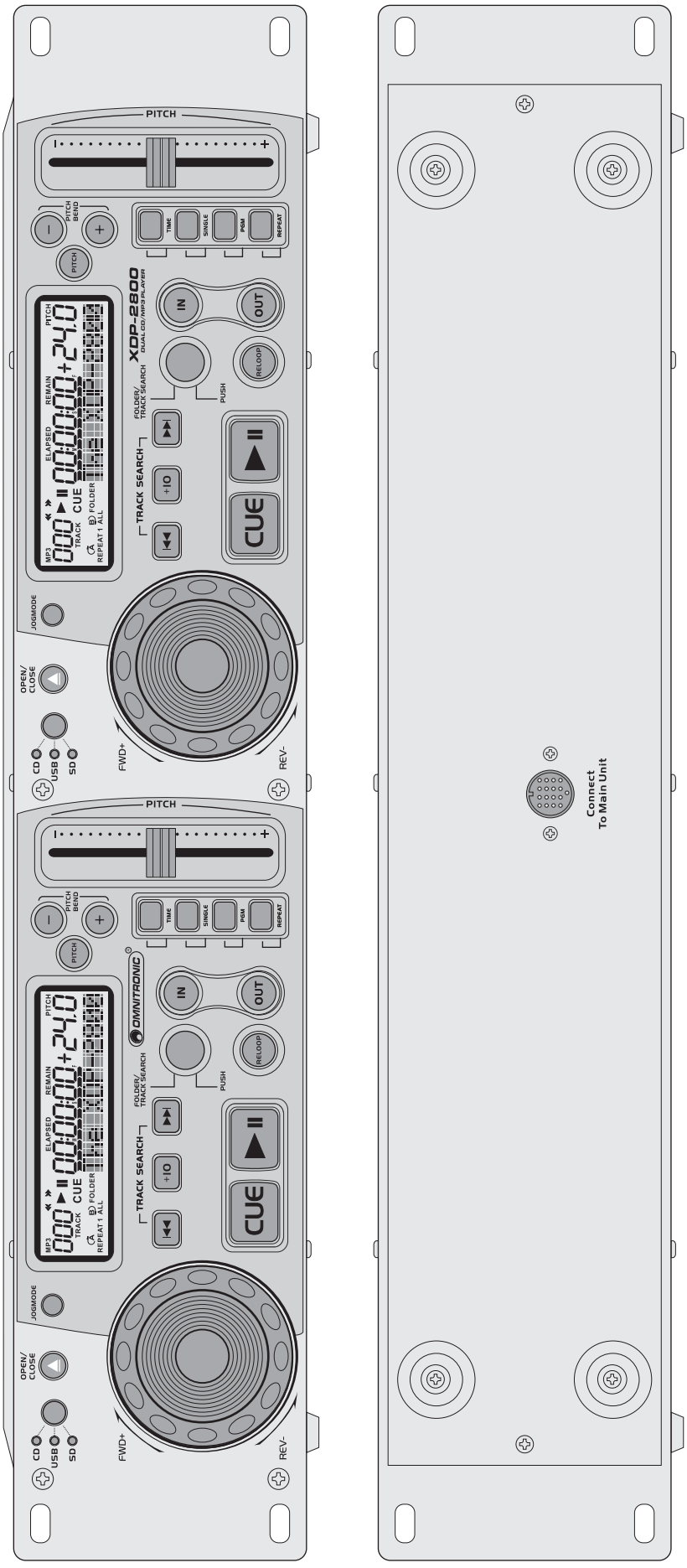
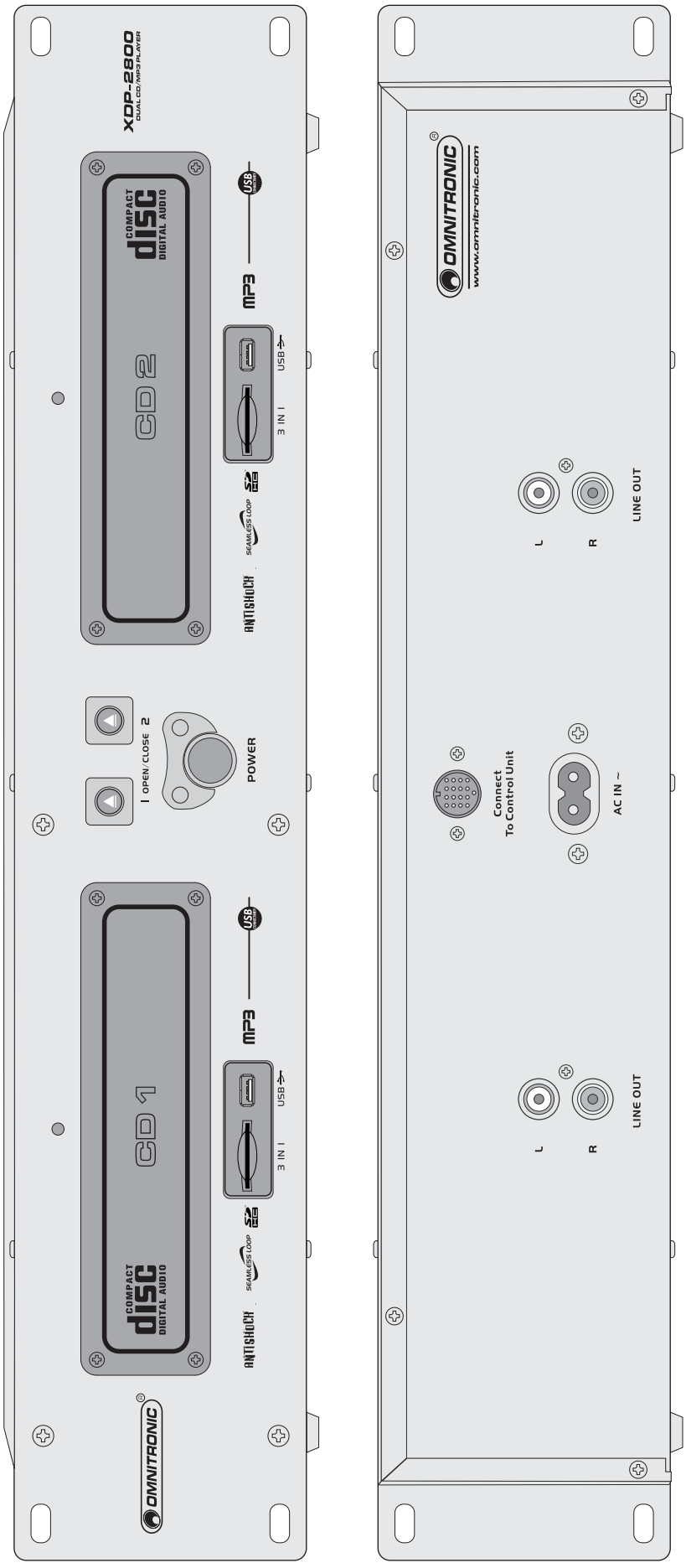

PITCH
XDP-2800
DUAL CD/MP3 PLAYER
OMNITRONIC
TRACK SEARCH
CUE
IN
OUT
RELOOP
JOGMODE
OPEN/CLOSE
CD
USB
SD
FWD+
REV-
Connect
To Main Unit

A B


XDP-2800
DUAL CD/MP3 PLAYER
COMPACT disc DIGITAL AUDIO
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MP3
3 IN 1
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SD
SEAMLESS LOOP
ANTISHOCK
OPEN/CLOSE
POWER
CD 1
OMNITRONIC
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LINE OUT
L
R
Connect
To Control Unit
AC IN ~

C D

English

1 INTRODUCTION 20
2 SAFETY INSTRUCTIONS 20
3 OPERATING DETERMINATIONS 22
4 DESCRIPTION 23
4.1 Features 23
4.2 Control unit 24
4.3 Player mechanism unit 27
5 SET UP 28
5.1 Installation 28
5.2 Connections 28
6 OPERATION 29
6.1 Switching on/off 29
6.2 Inserting a CD 29
6.3 Loading and removing USB devices and memory cards 29
6.4 Selecting USB devices and memory cards 29
6.5 Basic settings 30
6.6 Selecting a title 30
6.6.1 Selecting a folder 30
6.7 Starting playback/pause 30
6.8 Fast forward or reverse 30
6.9 Return to the starting point of the title or to a defined spot (cueing) 31
6.10 Pitch adjustment 31
6.11 Matching the beat between two titles (Pitch Bend) 31
6.12 Playing a continuous loop 31
6.13 Selecting repeat functions 32
6.14 Programming an individual title sequence 32
7 CLEANING AND MAINTENANCE 32
8 TECHNICAL SPECIFICATIONS 32

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You can find the latest update of this user manual in the Internet under:

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English

USER MANUAL

XDP-2800
Dual CD/USB/SD Player

CAUTION!
Keep this device away from rain and moisture!
Unplug mains lead before opening the housing!

For your own safety, please read this user manual carefully before you initially start-up.

Every person involved with the installation, operation and maintenance of this device has to
- be qualified
- follow the instructions of this manual
- consider this manual to be part of the total product
- keep this manual for the entire service life of the product
- pass this manual on to every further owner or user of the product
- download the latest version of the user manual from the Internet

1 INTRODUCTION

Thank you for having chosen the OMNITRONIC XDP-2800. If you follow the instructions given in this manual, we are sure that you will enjoy this device for a long period of time.

Unpack your XDP-2800.

2 SAFETY INSTRUCTIONS

CLASS 1 LASER

EN 60825-1:94

CAUTION LASER RADIATION!
This device is equipped with two class 1 laser diodes. To ensure a safe operation do not remove any covers or attempt to access the inside of the product. There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

CAUTION!
Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires!

This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

Important:
Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

Please make sure that there are no obvious transport damages. Should you notice any damages on the A/C connection cable or on the casing, do not take the device into operation and immediately consult your local dealer.

This device falls under protection-class II and features a protective insulation. The power plug must only be plugged into a suitable outlet. The voltage and frequency must exactly be the same as stated on the device. Wrong voltages or power outlets can lead to the destruction of the device and to mortal electrical shock.

Always plug in the power plug least. The power plug must always be inserted without force. Make sure that the plug is tightly connected with the outlet.

Never let the power cord come into contact with other cables! Handle the power cord and all connections with the mains with particular caution! Never touch them with wet hands, as this could lead to mortal electrical shock.

Never modify, bend, strain mechanically, put pressure on, pull or heat up the power cord. Never operate next to sources of heat or cold. Disregard can lead to power cord damages, fire or mortal electrical shock.

The cable insert or the female part in the device must never be strained. There must always be sufficient cable to the device. Otherwise, the cable may be damaged which may lead to mortal damage.

Make sure that the power cord is never crimped or damaged by sharp edges. Check the device and the power cord from time to time.

If extension cords are used, make sure that the core diameter is sufficient for the required power consumption of the device. All warnings concerning the power cords are also valid for possible extension cords.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord. Otherwise, the cable or plug can be damaged leading to mortal electrical shock. If the power plug or the power switch is not accessible, the device must be disconnected via the mains.

If the power plug or the device is dusty, the device must be taken out of operation, disconnected and then be cleaned with a dry cloth. Dust can reduce the insulation which may lead to mortal electrical shock. More severe dirt in and at the device should only be removed by a specialist.

There must never enter any liquid into power outlets, extension cords or any holes in the housing of the device. If you suppose that also a minimal amount of liquid may have entered the device, it must immediately be disconnected. This is also valid, if the device was exposed to high humidity. Also if the device is still running, the device must be checked by a specialist if the liquid has reduced any insulation. Reduced insulation can cause mortal electrical shock.

There must never be any objects entering into the device. This is especially valid for metal parts. If any metal parts like staples or coarse metal chips enter into the device, the device must be taken out of operation and disconnected immediately. Malfunction or short-circuits caused by metal parts may cause mortal injuries.

Before the device is switched on all faders and volume controls have to be set to zero or minimum position.

CAUTION: Turn the amplifier on last and off first!

Please note that damages caused by manual modifications on the device or unauthorized operation by unqualified persons are not subject to warranty.

Keep away children and amateurs!

CAUTION: High volumes can cause hearing damage!
There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

3 OPERATING DETERMINATIONS

The XDP-2800 with two player mechanisms has been specially designed for DJ applications but can also be used for various other PA applications (e.g. restaurants, fitness studios or retail locations). The unit features many functions that precisely meet the requirements of DJs, e.g. adjustable pitch, cueing, seamless play of a continuous loop, single title play, and convenient search via rotary wheel.

The XDP-2800 plays audio CDs/-Rs/-RWs (CD-DA), as well as titles in the MP3 format from CDs, SD(HC) cards or USB storage devices.

The XDP-2800 is provided with two 15-second anti-shock memories which are able to compensate shocks or vibrations.

This product is allowed to be operated with an alternating current of 115/230 V, 50/60 Hz and was designed for indoor use only.

Do not shake the device. Avoid brute force when installing or operating the device.

When choosing the installation spot, please make sure that the device is not exposed to extreme heat, moisture or dust. There should not be any cables lying around. You endanger your own and the safety of others!

The ambient temperature must always be between -5° C and +45° C.

The relative humidity must not exceed 50 % with an ambient temperature of 45° C.

This device must only be operated in an altitude between -20 and 2000 m over NN.

Operate the device only after having familiarized with its functions. Do not permit operation by persons not qualified for operating the device. Most damages are the result of unprofessional operation!

Never use solvents or aggressive detergents in order to clean the device! Rather use a soft and damp cloth.

Please use the original packaging if the device is to be transported.

Never remove the serial barcode from the device as this would make the guarantee void.

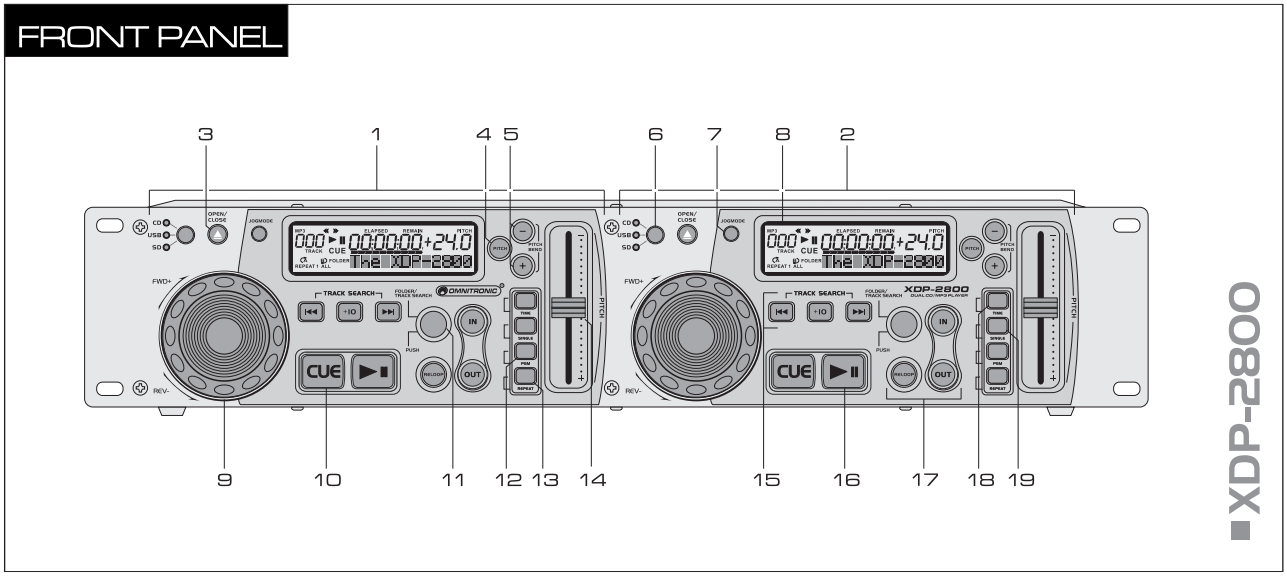
If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short-circuit, burns, electric shock, etc.

4 DESCRIPTION

4.1 Features

Dual CD/USB/SD player for DJs
• Audio CD/ CD-R/CD-RW/MP3 CD
• 2 USB 2.0 ports for USB storage devices
• 2 SDHC/MMC card slots
• 2 x 15 seconds anti-shock protection
• Alphanumeric LCDs with blue backlight
• Easy-turning jog dials with mode selector (fast or frame search) and Pitch Bend function
• Comfortable track selection via skip buttons and +10 buttons
• Folder navigation
• Pitch adjustment ±4 %, ±8 %, ±16 %
• Pitch bend buttons
• Cue function
• Seamless Loop/Reloop function
• Single or continuous play
• Repeat function
• Title programming
• Indication of elapsed time or remain time
• Bargraph display
• Pitch adjustment is displayed in %
• Rubber buttons with color illumination
• Extra large Play/Pause and Cue buttons
• 19" dimensions for rack installation

4.2 Control unit



1 Control panel player 1

2 Control panel player 2

3 Button ⏏

Opens and closes the CD tray. While playing a CD, the CD tray is locked against unintentional opening.

4 Button PITCH

- Keep this button pressed for 2 seconds to activate/deactivate the slide control PITCH. With the control activated, the blue LED will light up and the display indicates "PITCH".
- Shortly press this button to select the pitch adjustment range: 4 %, 8 %, and 16 %.

7 Buttons PITCH BEND +/-

During playback, the function Pitch Bend creates a temporary change of speed. As long as the button “-“ is actuated, the title is played 16 % slower. As long as the button “+“ is actuated, the title is played 16 % faster. As soon as you release the buttons, the BPM will automatically return to normal.

6 Selector switch CD/USB/SD

In pause mode, long actuation of the button allows switching between the input sources CD, USB, and SD. The LEDs will verify which source is selected.

7 Button JOGMODE

Shortly press JOGMODE to switch the rotary wheel to the function fast forward/reverse. With the function activated, the LED will light up blue.

8 LCD

Indicates all functions of the unit and information of the CD or storage medium. The display icons will be explained in section DISPLAY.

9 Rotary wheel

- Search function is activated (button JOGMODE lights): For fast forward/reverse in play mode and in pause mode.
- Search function is deactivated: For the function Pitch Bend in play mode, i.e. the rotation of the wheel creates a temporary change of speed. The change of speed depends on the turning speed of the wheel: as long as the wheel is rotated in a clockwise direction the title speed is increased and decreased when rotated in a counterclockwise direction. When you stop turning the wheel the speed will automatically return to normal. In pause mode, the wheel can be used for precisely selecting a spot.

10 Button CUE

- When pressing the button in pause mode and during playback the unit stops and returns to the starting point of the title (cue point) and is in pause mode (LED lights red).
- When keeping the button pressed in pause mode, the title is momentarily played. As soon as you release the button the unit instantly returns to the cue point.
- Every time a new cue point is set, the LED flashes repeatedly.

11 Control FOLDER/TRACK SEARCH

- Turn the control to the left or right to select titles. Title number and title name are indicated in the LCD.
- Short actuation of the control: switch over to folder selection mode (indication "FOLDER"). Now you can browse the folders by turning the control. Press the control to select the desired folder. Afterwards, the unit switches back to the title selection mode (indication "FOLDER" off).

12 Button PGM

For programming an individual title sequence.

13 Button REPEAT
For selecting the repeat functions.
- First actuation of the button (indication REPEAT 1): continuous repeat of the title selected.
- Second actuation of the button (indication REPEAT ALL): continuous repeat of all titles.

14 Slide control PITCH
Sets the playback speed up to ±16 %. Slide it up to decrease the pitch, slide it down to increase the pitch. The adjustment of the control is effective only with the button PITCH activated. The pitch percentage is indicated in the display.

15 Buttons for selecting titles
- ⏭: Each time the button is pressed, the unit will advance one title.
- ⏮: By pressing the button, the unit will go to the beginning of the title and with each further actuation, the unit will go back another title.
- **+10**: By pressing the button, the unit will advance 10 titles.

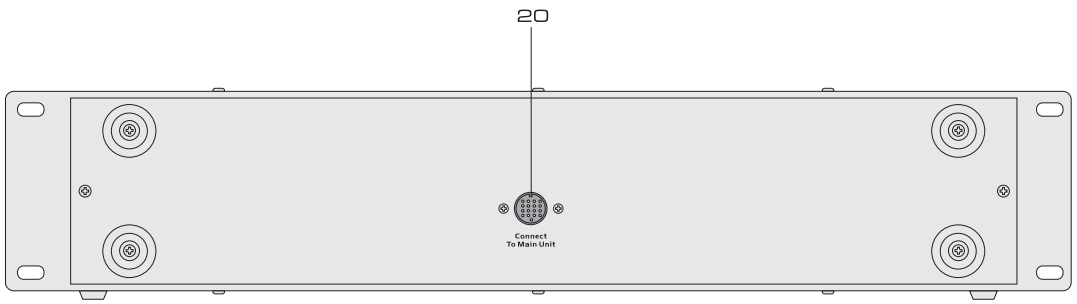
16 Button ▶II
Switches between play and pause. During playback the blue LED lights, in pause mode it flashes.

17 Buttons IN, OUT, RELOOP
Buttons to memorize and play a seamless continuous loop.
- **IN**: sets the starting point of a loop (LED lights blue)
- **OUT**: defines the end point of a continuous loop which is instantly started (LEDs IN and OUT are flashing). The loop will continue to play until the button OUT is pressed once again.
- **RELOOP**: starts the loop once again

18 Button TIME
Switches the time indication between elapsed and remaining title time.

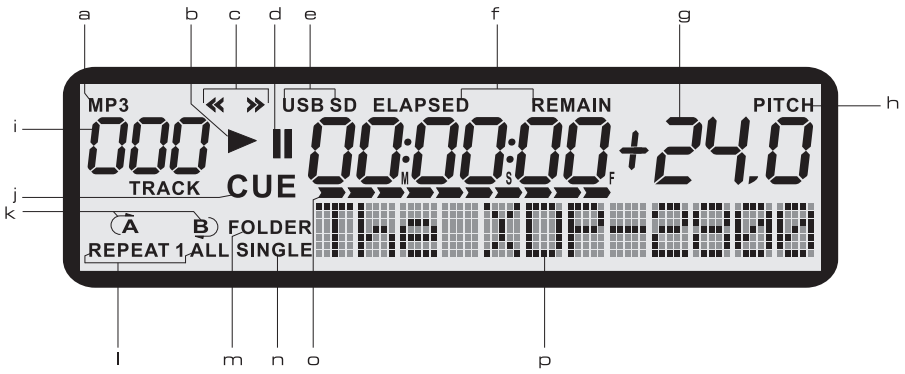
19 Button SINGLE
This button determines the operating mode.
- Basic setting: continuous play of all titles of the CD
- First actuation: single title play (indication "SINGLE"); after playing a title, the unit is set to pause at the start of the next title

REAR PANEL



20 Connection player mechnism unit
Jack for connecting the player mechanism unit via the supplied mini DIN connection cable.

DISPLAY



XDP-2800

a MP3
Operation with titles in the MP3 format.

b Play mode

c Symbols << and >>
- << indicates fast reverse of a title
- >> indicates fast forward of a title

d Pause mode

e USB/SD
Operation with USB device or memory card.

f Time indication
ELAPSED or REMAIN(ING) title time indicated in minutes (M), seconds (S) and frames (F)

g Change of speed in %

h PITCH
The slide control PITCH is active.

i 3-digit indicator of the current title

j CUE
Lights in cue mode.

k Symbols Ⓐ and Ⓑ
- Ⓐ indicates that the starting point of a loop has been stored.
- Ⓑ indicates that the end point of a loop has been stored.
- Both symbols light when a loop is played.

l REPEAT 1/ALL
One of the repeat functions is active.

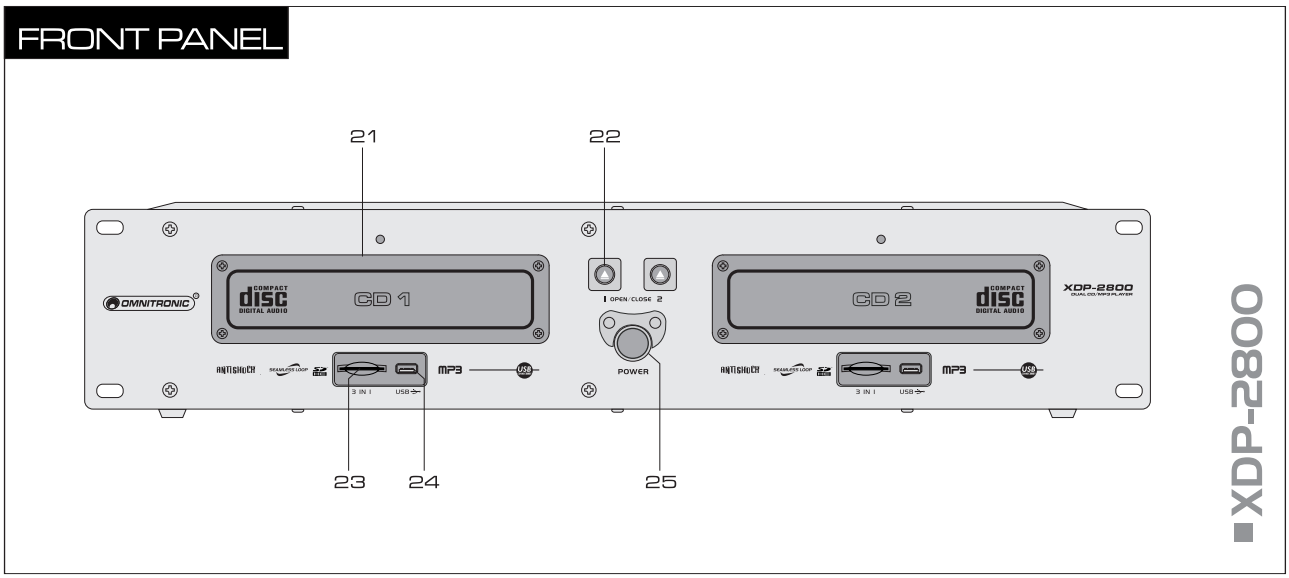
m FOLDER
The folder selection mode is activated.

n SINGLE
Operating mode single title play

o Bargraph
Visual indication of the elapsed and remaining time. This bar will begin to flash 12 seconds before a title is ending.

p Text line
- Scrolling text information for the current title (artist and title name or folder name)
- For indication functions like programming an individual title sequence

4.3 Player mechanism unit



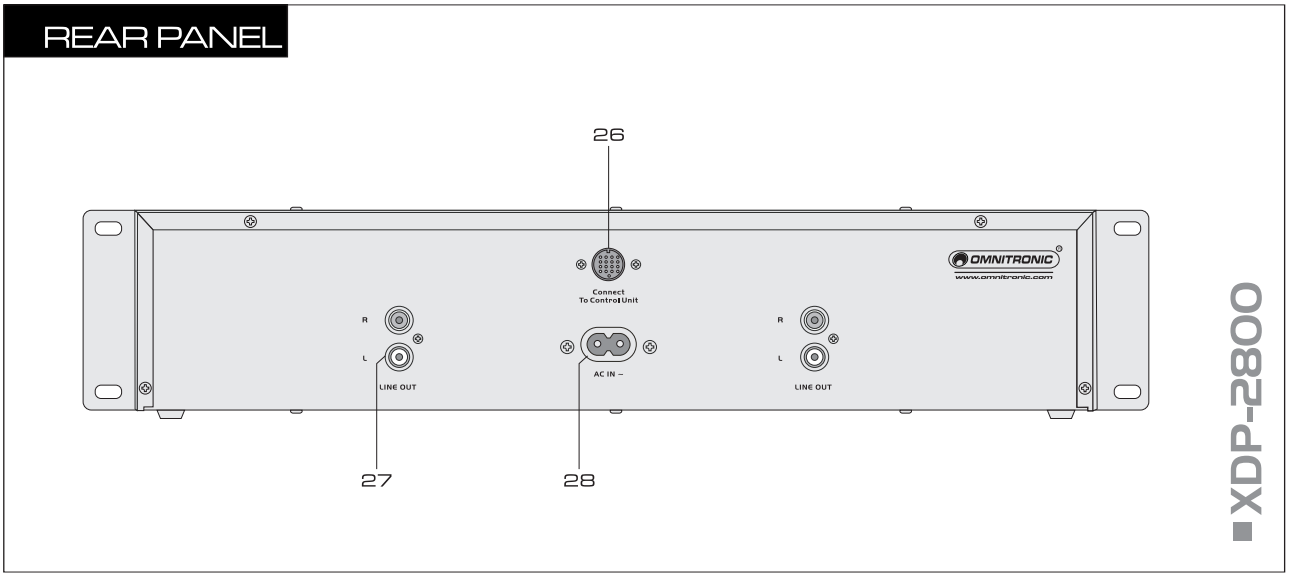
21 CD tray with indicator
For entering CDs. The blue control LED lights when the tray is opened and flashes during read-in of the CD.

22 Button ⏏
Opens and closes the CD tray. While playing a CD, the CD tray is locked against unintentional opening.

23 SD card slot
Slot for inserting an SD(HC) card. The contacts of the card must point downwards and the notched corner to the left. Insert the card so far into the slot until it engages.

24 USB port
USB port (type A) for connecting a USB storage device.

25 Power on/off
Press this button to turn the unit on and off.



26 Connection control unit
Jack for connecting the control unit via the supplied connection cable.

27 Analog line output
Analog audio output (RCA left/right) with line level for connecting an amplifier, a mixer or other units with line level inputs.

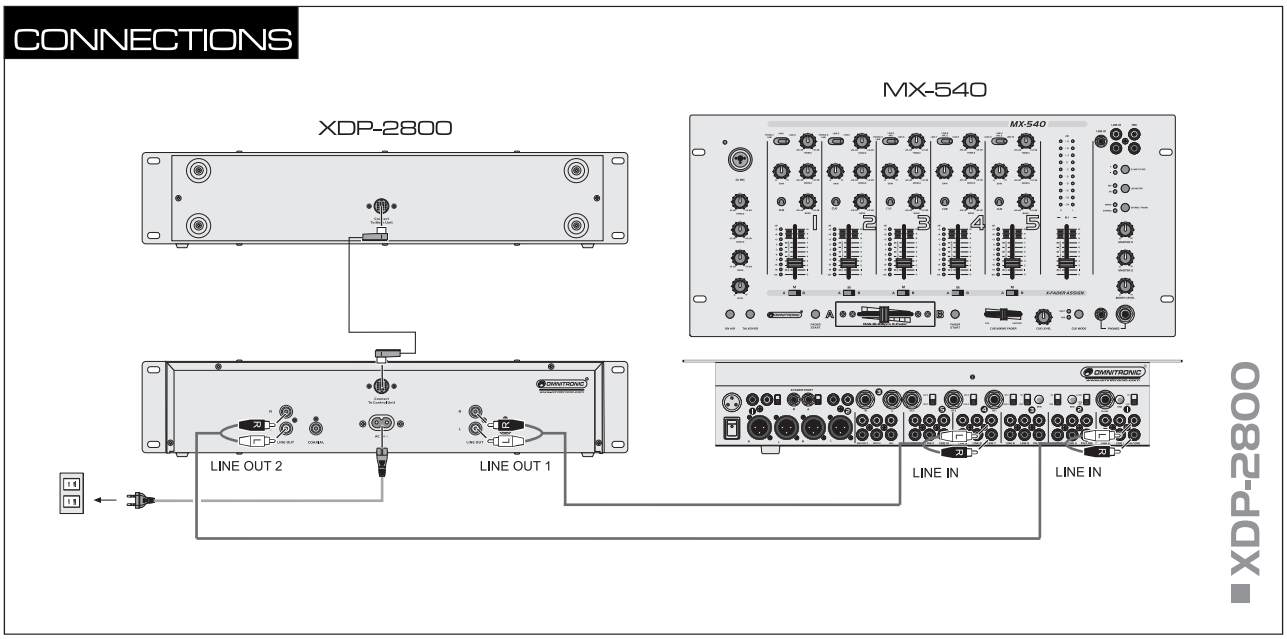
28 AC connection
Plug in the supplied power cable here.

5 SET UP

5.1 Installation

Install the control unit and the player mechanism unit on a plane surface or in your rack. For 19" (483 mm) rack installation, 2 units are required each. You can fix each unit with four screws M6 in the rack. The player mechanism unit must be operated in a horizontal position. The control unit may be installed in a tilted position for better handling. When choosing the installation spot make sure that there is enough space around the units for ventilation or that heated air from the rack can be passed on to improve heat radiation. Steady overheating will damage the units.

5.2 Connections



Prior to connecting or changing existing connections switch off the XDP-2800.

1 Connect the control unit and the player mechanism unit with the supplied connection cable. For this purpose, connect the jack Connect To Control Unit of the player mechanism unit to the jack Connect To Main Unit of the control unit.
2 Connect subsequent units with line level inputs (e.g. amplifier or mixer) via the supplied RCA cables to the analog RCA outputs on the rear. Make sure that the right/left occupation is the same at the devices.
3 Use the supplied power cable to connect the XDP-2800 to the mains.

If the device will be directly connected with the local power supply network, a disconnection switch with a minimum opening of 3 mm at every pole has to be included in the permanent electrical installation. The device must only be connected with an electric installation carried out in compliance with the IEC standards. The electric installation must be equipped with a Residual Current Device (RCD) with a maximum fault current of 30 mA.

6 OPERATION

The operation of the two players is identical.

6.1 Switching on/off

1 Switch on the XDP-2800 with the power button. The unit will automatically detect if a CD is inserted (indication "READING"). If a CD is inserted, the display will shortly indicate the total number of titles and the total remain time followed by information concerning the first title after the read-in. If no CD is inserted "NO DISC" will be displayed.
2 Prior to switching the unit off, always terminate the playback with the button ▶II. Then press the power button to switch off the unit.

6.2 Inserting a CD

1 To insert a CD, open the CD tray with the button ⏏ (control LED lights). The display will show "OPEN".
2 Insert the CD with the lettering facing upwards and close the CD tray again with the button ⏏. The display will show "CLOSE". The control LED lights during the read-in.

6.3 Loading and removing USB devices and memory cards

1 Insert USB devices into the USB port.
2 Insert SD cards with the contacts pointing downwards and the notched corner to the left so far into the card slot until it engages.
3 To eject a memory card, slightly press the card in until it comes out and can be removed.

CAUTION! Never attempt to remove USB devices or memory cards in play mode. Otherwise damage or loss of data may occur.

Regarding USB storage devices

- This unit supports MSC (Mass Storage Class) USB storage devices 1.0, 1.1, 2.0 including external portable flash memory devices and digital audio players. However, hard discs, optical discs such as external CD/DVD drives, and USB devices connected to a USB hub will not be recognized.
- Depending on the device used, proper playback may not be possible with all USB storage devices.
- When connecting a USB device with a large number of folders and files, some time may be required to read in the contents.

6.4 Selecting USB devices and memory cards

To switch from the CD to a USB device or a memory card, press the selector switch CD/USB/SD. The unit must be in pause mode. The LEDs will verify which source is active.

1 The first long actuation of the button will select the USB port. After the read-in (indication "READING USB") the total number of titles will be shortly displayed. Afterwards information concerning the first title will follow. If no device is inserted "NO USB" will be displayed.
2 The next long actuation of the button will select the SD card slot. After the read-in (indication "READING SD") the total number of titles will be shortly displayed. Afterwards information concerning the first title will follow. If no card is inserted "NO SD" will be displayed.
3 The next long actuation of the button switches the unit back to the CD.

6.5 Basic settings

After switching on, continuous play and elapsed title time (indication "ELAPSED") will be active as basic settings. These settings can be changed.

6.5.1 Selecting the operating mode

In the basic setting continuous play, all titles of are played one after the other and the unit stops at the end of the last title. Press the button SINGLE on the player or the button SGL/CTN on the remote control to switch to single title play. Then the unit is set to pause at the start of the next title after playing a title and indicates "SINGLE".

6.5.2 Switching over the time indication

1 As a basic setting, the display will show the elapsed time of the current title (indication "ELAPSED"):
- numerically in minutes, seconds and frames (1 frame = 1/75 second)
- graphically by the length of the bargraph. The longer the replay time, the more segments the bargraph will have. The last 12 seconds of a title are indicated by the bargraph flashing in its full length.

2 Press the button TIME to switch over the time indication to remaining title time (indication "REMAIN"). The number of segments of the bargraph will be reduced with increased playing time.

3 To return to basic setting, press the button TIME once again.

6.6 Selecting a title

1 For selecting titles use the control FOLDER/TRACK SEARCH. Turn the control once to the left to select the next lower title or to the right to select the next higher title. Title number and title name are indicated in the text line.

2 With the buttons ⏮ and ⏭ you can skip one title or several titles in forward or backward direction. Each time the button ⏭ is pressed, the unit will advance one title. By pressing the button ⏮, the unit will go to the beginning of the title and with each further actuation, the unit will go back another title.

3 By pressing the button **+10**, the unit will advance 10 titles.

6.6.1 Selecting a folder

1 To select folders, the folder selection mode must be activated first. For this purpose, shortly press the control FOLDER/TRACK SEARCH. The display indicates "FOLDER".

2 Now turn the control FOLDER/TRACK SEARCH to browse the folders. The folders names are indicated in the text line. To select the desired folder press the control FOLDER/TRACK SEARCH. Afterwards, the unit switches back to the title selection mode. The indication "FOLDER" will be extinguished.

> If the control FOLDER/TRACK SEARCH is not turned for 3 seconds in folder selection mode, the unit will automatically switch back to the title selection mode.

6.7 Starting playback/pause

1 Press the button ⏯, to start playback (the display indicates ▶). During playback, the blue LED lights. The starting point of the title will automatically be stored in the memory as the cue point. The unit will return to this cue point by shortly pressing the button CUE.

2 Playback can be interrupted at any time with the button ⏯ (the display indicates ⏸). The blue LED starts flashing. To continue, press the button ⏯ once again. Pressing the button CUE during playback also interrupts the playing and returns the title to the cue point.

6.8 Fast forward or reverse

For fast forward or reverse, first activate the search function for the rotary wheel by shortly pressing the button JOGMODE. The button's control LED lights blue. Then turn the rotary wheel in the corresponding direction. The fast forward/reverse speed depends on the turning speed of the wheel. In pause or cue mode the current spot is constantly repeated after fast forward or reverse until playback is started with the button ⏯.

6.9 Return to the starting point of the title or to a defined spot (cueing)

To quickly jump back to the starting point of the title or to a defined spot, a starting point (cue point) can be stored temporarily for the button CUE. The cue point will be overwritten with the starting point of the next title when the next title is reached or when the next title is selected.

1 To jump to the starting point of a title, press the button CUE in pause or play mode. The unit stops and returns to the starting point of the title (cue point) and is in cue mode (the LED of the button lights red).
2 To set the cue point at a different spot of the title, the rotary wheel can be used for precisely selecting the spot to one frame (1/75 second). The function fast forward/reverse must be deactivated. The current spot is constantly repeated. As soon as playback is started with the button ►II a new cue point is memorized (LED flashes repeatedly).
3 After jumping to the cue point, playback can be started with the button ►II. Alternatively, you can keep the button CUE pressed and momentarily play the title. As soon as you release the button the unit instantly returns to the cue point.

6.10 Pitch adjustment

The playback speed can be adjusted variably up to ±16 % with the slide control PITCH.

1 First select the adjusting range with the button PITCH. Each short actuation of the button switches the unit between 4 %, 8 %, and 16 %. The percentage is shortly inserted on the display.
2 Keep the button PITCH (blue LED lights) pressed until the blue LED lights to activate the slide control PITCH. The display indicates "PITCH".
3 Then slide up the control PITCH to decrease the pitch and slide it down to increase the pitch. The display shows the percentage deviation form the standard speed.

6.11 Matching the beat between two titles (Pitch Bend)

With the function pitch bend, the beat of a title on player 1 can be matched (synchronized) to the beat of a title on player 2 or vice versa. Thus the rhythm will not be interrupted while crossfading from one title to another. Unlike the adjustment with the slide control PITCH this function will temporarily increase or decrease a title's speed during replay.

1 First use the slide control PITCH to adjust the same number of beats (BPM) for both music pieces.
2 Then synchronize the beats of the two music pieces by turning the rotary wheel (the function fast forward/reverse must be deactivated). The change of speed depends on the turning speed of the wheel: Rotating the wheel in a clockwise direction will increase your title speed and rotating the wheel in a counterclockwise direction will decrease your title speed. When you stop turning the wheel the speed will automatically return to its previously set speed.
3 Alternatively to the rotary wheel you can also use the buttons PITCH BEND for matching the beat. As long as the button + or - is kept pressed, the title is played 16 % faster or slower. As soon as you release the buttons PITCH BEND the BPM will automatically return to normal.

6.12 Playing a continuous loop

A section within a title can be repeated as a seamless continuous loop as many times as desired. This loop can be overwritten at any time and is deleted when selecting another title, changing the CD or storage medium, or switching the unit off and on again.

1 • **Setting the starting point "on the fly":** In play mode, shortly actuate the button IN (LED lights blue) when the desired starting point of the loop is reached. Playback is not interrupted. Ⓐ is indicated on the display.
  • **Setting the starting point precisely:** To set the starting point precisely to 1 frame (1/75 second) set the unit to pause and use the rotary wheel to go to the exact spot (the function fast forward/reverse must be deactivated). The current spot is constantly repeated. Shortly actuate the button IN to set the starting point.
2 • **Setting the end point "on the fly":** In play mode, shortly actuate the button OUT when the desired end point of the loop is reached. The section between the starting point and the end point of the loop is continuously repeated. The LEDs of the buttons IN and OUT will be flashing and Ⓑ is indicated on the display.
  • **Setting the end point precisely:** To set the end point precisely to 1 frame (1/75 second) set the unit to pause and use the rotary wheel to go to the exact spot (the function fast forward/reverse must be deactivated). The current spot is constantly repeated. Shortly actuate the button OUT to set the end point. The section between the starting point and the end point of the loop is continuously repeated.

3 To exit the loop and to continue the title, press the button OUT. The LEDs of the buttons IN and OUT will stop flashing but will remain on to indicate that a loop has been memorized and is ready to be engaged. By selecting another title it is also possible to exit the loop.
4 To restart the loop, press the button RELOOP. The buttons IN and OUT will be flashing again.
5 To program another loop, redefine the starting and the end point with the button IN and OUT.

6.13 Selecting repeat functions

With the button REPEAT two different repeat functions can be selected:
• first actuation of the button: continuous repeat of the selected title (indication "REPEAT 1")
• second actuation of the button: continuous repeat of all titles of the CD (indication "REPEAT ALL")
• third actuation of the button: return to normal play

6.14 Programming an individual title sequence

For playing selected titles in a certain order, an individual title sequence with up to 20 titles can be programmed. This sequence will be deleted by ejecting the CD or switching the unit off and on again.
1 In pause mode, press the button PGM to activate the programming mode. The display indicates "PROGRAM" and the first memory location number P-01.
2 Use the buttons ⏮ and ⏭ or the control FOLDER/TRACK SEARCH to select the first title for the title sequence. In programming mode, the folder navigation is deactivated. The title name is not indicated.
3 After the title selection, press the button PGM to confirm the selection. The display will show the second memory location number P-02.
4 Proceed in the same way for all further titles until the title sequence has been programmed.
5 To start the playback of the title sequence, press the button ⏯. The display will show the first memory location number P-01. The title name is not indicated.
6 To add further titles to the title sequence, follow steps 1 to 5.
7 To delete the title sequence and to continue normal play, press the button ⏯ to switch to pause mode and keep the button PGM pressed until the insertion "PROGRAM" will be extinguished.

7 CLEANING AND MAINTENANCE

DANGER TO LIFE!
Disconnect from mains before starting maintenance operation!

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents! There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers. Should you need any spare parts, please use genuine parts. Should you have further questions, please contact your dealer.

8 TECHNICAL SPECIFICATIONS

Power supply:	115/230 V AC, 50/60 Hz ~
Power consumption:	30 W
Type:	double CD/USB/SD player
Available disc:	CD/-R/-RW in CD-DA and MP3 formats (8 and 12 cm)
Available storage media:	USB devices and SD(HC) cards (max. 32 GB)
Pitch adjustment:	±4 %, ±8 %, ±16 %
Display:	elapsed time, remain time
Distortion:	0.09 %
S/N ratio:	70 dB
Frequency range:	20-20,000 Hz
Analog audio output:	2x stereo RCA/ 2 V
Dimensions (LxWxH):	483 x 260 x 97 mm (player units), 483 x 85 x 90 mm (control unit)
Weight:	5 kg

Please note: Every information is subject to change without prior notice. 16.09.2009 ©